

Lect. MÜGE KRUŞA YEMİŞCİOĞLU

Personal Information

Office Phone: [+90 312 210 4209](tel:+903122104209)

Email: mugek@metu.edu.tr

Web: <https://mugekrusa.com>

Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Yapı Bilimleri (Dr), Turkey 2014 - 2021

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2009 - 2013

Undergraduate, Middle East Technical University, Faculty Of Architecture, Department Of Architecture, Turkey 2004 - 2009

Foreign Languages

English, C2 Mastery

Italian, B1 Intermediate

Certificates, Courses and Trainings

Other, Origami and Deployable Mechanisms Workshop, Okinawa Institute of Science and Technology Graduate University OIST, 2019

Environment and Sustainability, D1 - Temel Bina Akustiği Sertifika Programı / Fundamentals of Building Acoustics, The Chamber of Physics Engineers, 2019

Dissertations

Postgraduate, Human crowd simulation as an evaluation tool for generative temporary site organization, Middle East Technical University, Graduate School of Natural and Applied Sciences, Mimarlıkta Sayısal Tasarım Ve Üretim Teknolojileri (YI) (Tezli) (Uoylp-Delft Teknik Üniv. Ortak), 2013

Research Areas

Technical Sciences, Architecture

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty Of Architecture, Department Of Architecture, 2014 - 2021

Designed Lessons

- Sorgu A., zgenel . F. , KruŐa YemiŐciođlu M., Introduction to Machine Learning in Architecture, Postgraduate, 2019 - 2020
- Sorgu A., KruŐa YemiŐciođlu M., zgenel . F. , Nature-informed Computational Design in Architecture, Postgraduate, 2019 - 2020

Articles Published in Other Journals

I. Fabrication Technologies in Architecture and Industry/Architecture 4.0

Sorgu A., KruŐa YemiŐciođlu M.

Dosya 45: Gelecek, Teknoloji ve Mimarlık, no.45, pp.6-17, 2020 (Other Refereed National Journals)

Books & Book Chapters

I. XI. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu: MSTAS2017 / İMKANSIZ MEKANLAR :

OLANAKSIZIN OLANAđI

KruŐa YemiŐciođlu M. (Editor), Sorgu A. (Editor), zgenel . F. (Editor)

Odt Mimarlık Fakltesi, Ankara, 2017

Refereed Congress / Symposium Publications in Proceedings

I. Is Circularity a Measure for Complexity in Architecture?

Sorgu A., KruŐa YemiŐciođlu M.

NEXTBUILT 2022: International conference on Challenges for the Next generation Built environment, Bologna, Italy, 13 May 2022

II. STEAM Approach for Architecture Education

SORGU A., ZGENEL . F. , KRUŐA YEMİŐCİOđLU M., KcksubaŐı F., YILDIRIM İ. S. , Antonini E., Bartolomei L., Ovesen N., Steino N.

eCAADe SIGraDi 2019, Porto, Portugal, 11 - 13 September 2019, vol.1, pp.137-146

III. A Computational Design Workshop Experience for 21st Century Architecture Education

SORGU A., KRUŐA YEMİŐCİOđLU M., ZGENEL . F.

eCAADe SIGraDi 2019, Porto, Portugal, 11 - 13 September 2019, vol.1, pp.127-136

IV. Sayısal Tasarım Eđitiminde Dođa đrenili Mimarlık

Sorgu A., KruŐa YemiŐciođlu M., zgenel . F.

MSTAS2019: Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu, Kocaeli, Turkey, 17 - 18 June 2019, vol.1, no.1

V. Architecture 4.0: A New Manifestation of Contemporary Technology

KruŐa YemiŐciođlu M., Sorgu A., zgenel . F.

International Conference on Digital Transformation & Smart Systems, Ankara, Turkey, 24 - 26 October 2018

VI. Multiverse of a Form

SORGU A., KRUŐA YEMİŐCİOđLU M., ZGENEL . F.

Proceedings of the 36th International Conference on Education and Research in Computer Aided Architectural Design in Europe, Łdź, Poland, 19 - 21 September 2018, vol.2, pp.411-416

VII. Crystal Formations and Symmetry in the Search of Patterns in Architecture

KRUŐA YEMİŐCİOđLU M., SORGU A., ZGENEL . F.

36. eCAADe: Education and Research in Computer Aided Architectural Design in Europe, Łdź, Poland, 19 - 21 September 2018, vol.2, pp.121-128

VIII. Yazılımların Biimlendiriciliđi,Biime Yabancı rntler

SORGU A., ZGENEL . F. , KRUŐA YEMİŐCİOđLU M.

MSTAS2018: Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu, Isparta, Turkey, 21 - 22 June 2018

- IX. **Transcoding Crystals on the search for Extreme in Architecture**
Sorgu A., KruŐa YemiŐcioęlu M., zgenel . F.
ICMMA 2017, Tokyo, Japan, 11 - 13 December 2017
- X. **The Role of VR as a New Game Changer in Computational Design Education**
Sorgu A., KruŐa YemiŐcioęlu M., zgenel . F. , Katipoęlu M. O. , Rasulzade R.
35th eCAADe Conference, Rome, Italy, 20 - 22 September 2017, vol.1, pp.401-408
- XI. **Mimarlık Eęitiminde Tepkimeli Kinetik Sistem YaklaŐımı**
SORGU A., KKSUBAŐI F., LGEN S., ZGENEL . F. , KRUŐA YEMİŐCİOęLU M.
MSTAS2017 : 11. MİMARLIKTA SAYISAL TASARIM ULUSAL SEMPOZYUMU, Ankara, Turkey, 14 - 15 June 2017,
pp.60-69
- XII. **DOęADAN RENMENİN YENİ MİMARİ TEKTONİKLERDEKİ ETKİSİ**
KRUŐA YEMİŐCİOęLU M.
3. Ulusal Yapı Kongresi ve Sergisi, Ankara, Turkey, 24 - 26 November 2016
- XIII. **Biim ArayıŐlarında Sayısal İmalat Üretim Teknolojilerin DönüŐtürücü Gücü**
SORGU A., ZGENEL . F. , LGEN S., KKSUBAŐI F., KRUŐA YEMİŐCİOęLU M.
10. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu, İstanbul, Turkey, 27 - 28 June 2016

Supported Projects

- Sorgu A., zgenel . F. , KruŐa YemiŐcioęlu M., Yıldırım İ. S. , Erasmus Project, Greening the skills of Architecture students via STEAM education, 2017 - 2018
- Sorgu A., KruŐa YemiŐcioęlu M., zgenel . F. , Yıldırım İ. S. , EU Supported Other Project, Design of Curriculum for Woodworking CNC Operators in Turkey, 2015 - 2017
- KruŐa YemiŐcioęlu M., zgenel . F. , Sorgu A., Company, İstanbul 3 Havalimanı elik Konstrüksüyonu, 2016 - 2016
- zgenel . F. , Sorgu A., Industrial Thesis Project, GiŐe GeiŐleri İin Aktif Gürültü Bariyeri , 2014 - 2015
- Sorgu A., zgenel . F. , lgen S., KruŐa YemiŐcioęlu M., Project Supported by Higher Education Institutions, ODTÜ YERLEŐKESİNİN GÜRÜLTÜ HARİTASININ IKARILMASI VE KAMPÜS PLANLANMASI ETKİ DEęERLEMESİ, 2013 - 2013

Tasks In Event Organizations

- Sorgu A., KruŐa YemiŐcioęlu M., zgenel . F. , STEAM Approach in Architectural Education, Scientific Congress, Ankara, Turkey, Aralık 2018
- Sorgu A., zgenel . F. , KruŐa YemiŐcioęlu M., Cocoon: A Computational Design Workshop, Workshop Organization, Ankara, Turkey, Eylül 2018
- Sorgu A., KruŐa YemiŐcioęlu M., zgenel . F. , MSTAS.2017: 11. National Symposium of Computational Design in Architecture, Scientific Congress, Ankara, Turkey, Haziran 2017
- Sorgu A., zgenel . F. , KruŐa YemiŐcioęlu M., Nexus2014: Relationship between Mathematics and Architecture, Scientific Congress, Ankara, Turkey, Haziran 2014

Citations

Total Citations (WOS):2

h-index (WOS):1